

STATE ACTIONS
Governor's Office of Planning and Budget
P.O. Box 145610
1594 W. North Temple, Suite 3710
SLC, UT 84114-5610
538-5535

1. Administering State Agency Division of Oil, Gas and Mining 1594 West North Temple Suite 1210 PO Box 145801 Salt Lake City, Utah 84114-5801	2. Approximate date project will start: Revision to an existing large mining operation (expansion).
3. Areawide clearinghouse(s) receiving state action: (to be sent out by agency in block 1) Russell Cowley, Director Six County Association of Governments Post Office Box 820 250 North Main Richfield, UT 84701	
4. Type of action: / / Lease /X/ Permit / / License / / Land Acquisition / / Land Sale / / Land Exchange / / Other _____	
5. Title of proposed action: Nielson Sandstone Mine – M/023/012 – Ash Grove Cement Company	
6. Description: <p>During Operations: The Nielson Sandstone mine began operation in 1987. Since opening, the mine has operated as a conventional single bench open pit mine. The mineral deposit was excavated on one level by drilling and blasting the mineral deposit, then excavating and placing the sandstone material in piles for temporary storage.</p> <p>The expansion of the existing pit (Pit 1) will also be conducted using a single bench approach. As a new area of the pit is to be disturbed, soils in the area will be stripped. When the limits of the pit are reached, the pit will be graded and reclamation will commence.</p> <p>Pit 2 will be mined as a repeated single bench operation. A flat floor will be constructed for each bench level mined. For the final level, the floor on the western portion of the pit will be sloped upward to conform with the adjacent topography. On all other levels, the pit will be mined to daylight on all but the northwest edge. It is envisioned that mining of a single level will be completed before the next level would be developed.</p> <p>After Operations: Following the completion of mining operations in each phase, the mine phase will be contemporaneously reclaimed to meet the post-mining land use. At the completion of all mining, the site will blend into the surrounding topography. The mine slopes will be reclaimed at a 3H:1V slope. At the conclusion of mining, the final slope grading will be achieved using dozers to move the blasted materials to the final configuration.</p> <p>For both pits, the pit bottom will be sub-drilled to a minimum of three feet as part of the development of the final level of the mine; therefore, the broken materials will function as the sub-soil layer in the reclamation. The pit areas will be ripped and recontoured to the final configuration. Then the previously stripped soil will be redistributed on these areas.</p> <p>All roads within the pit areas will be reclaimed following mining. Some roadways (two track roads) in the mine area will remain following mining to access the BLM grazing lands north of the mine and to allow for periodic inspection of the site to evaluate revegetation success.</p> <p>The mined area will be graded to approximate final contours, and then ripped to relieve compaction. Following ripping, stockpiled soil will be applied to the ripped surface and left in a roughened state. Hay and/or straw mulch or other suitable</p>	

substitute with a high organic matter content will be incorporated into the soil media at a rate of two tons per acre. All seeding will take place during the fall of the year that reclamation is performed.

7. Land affected (site location map required) (indicate county) - include UTM coordinates where possible
E½ Section 11, SW1/4 of SW1/4 of Section 1, NW1/4 of NW1/4 of Section 12, T14S, R3W, SLBM, Juab County, Utah
UTM = 401429 East, 4385805 North

8. Jordan River Natural Areas Forum Review – If the proposed action affects lands within the Jordan River Natural Areas Corridor. (to be sent out by agency in block 1). (see instructions 11 below).
N/A

9. Has the local government(s) been contacted? Yes. If yes,
a. How was contact made? By copy of public notice
b. Who was contacted? Glenn Greenhalgh, Juab County Planning & Zoning, 160 North Main, Nephi, UT 84648
c. What was the response?
d. If no response, how is the local government(s) likely to be impacted? Employment & tax revenues.

10. Possible significant impacts likely to occur:
None

11. Name and phone of district representative from your agency near project site, if applicable:
N/A

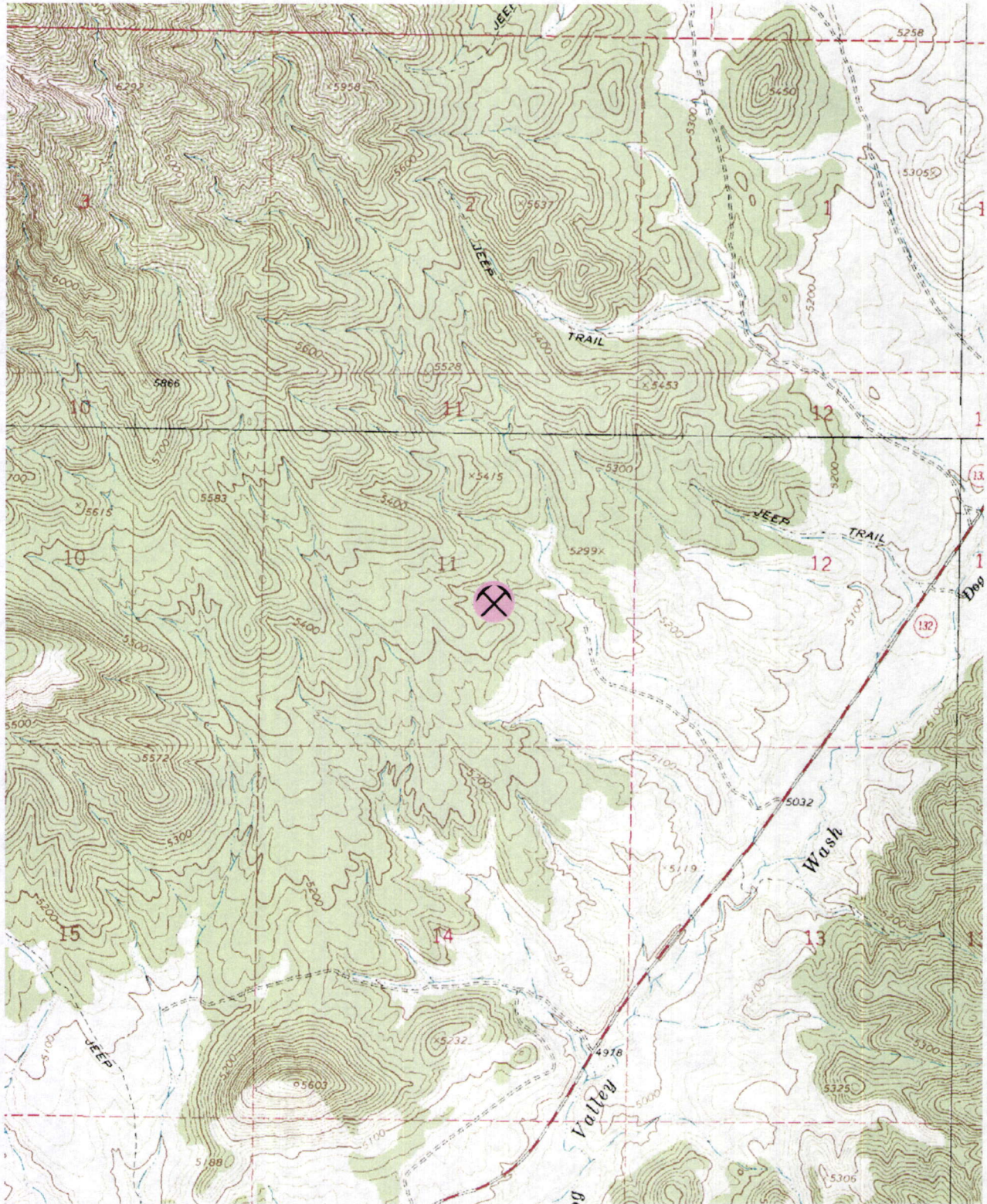
12. For further information, contact:
Tom Munson, Senior Reclamation Hydrologist
Phone: (801) 538-5321

13. Signature and title of authorized officer

Date:

DeWayne Hedberg 9/30/03

MINE SITE LOCATION MAP - September 30, 2003

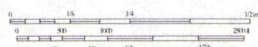
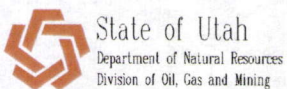


Mineid: M230012

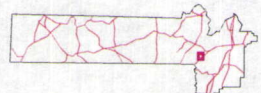
Mine name: NIELSON SANDSTONE QUARRY

Operator: ASH GROVE CEMENT COMPANY

S14.0 W03.0 Section 11



Scale 1:24000 (twenty scales)



Juab County